

Patent Application S/N 10/032,826

Attorney Docket P-2192D3

REMARKS

Claims 1-33 are pending and stand rejected and are therefore at issue.

Support for the Amendments

The Specification is amended at page 39 to correct an obvious and inadvertent clerical error overlooked in Applicants' previous Amendment. This amendment is supported by at least the Specification as originally filed.

Claims 1, 12, and 23 are amended to recite that "the selected data object type specifies the type of the data object". The amendments to Claims 1, 12, and 23 are supported at least by those respective claims as originally filed.

Claims 3, 5, 14, 16, 25, and 27 are amended to correct and inadvertent clerical error in which "the selected data type" rather than "the selected data object type" was recited. Now, proper antecedent basis is found for "the selected data object type" recited in those claims. This amendment does not narrow Claims 3, 5, 14, 16, 25, and 27 and is supported at least by Claims 3, 5, 14, 16, 25, and 27 as previously filed.

No new matter is added.

The Claims are Allowable Over the Cited Art

The Examiner rejected Claims 1-2, 5-7, 12-13, 16-18, 23-24, and 27-29 under Section 102(e) "as being anticipated by Smethers (U.S. Patent 6,560,640 B2)." Applicants respectfully

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traverse this rejection and request reconsideration and withdrawal of this rejection.

In support of this rejection and with respect to Applicant's recitation of "associating the data object with a selected one of two or more data object types", the Examiner cites Smethers as teaching association of a URL record with a DeviceID that can be of one of a number of formats such as a telephone number, an IP address, or a combination of IP address and port number.

Applicant respectfully submits that, while a telephone number can be a data type (e.g., integer, floating point, string of characters, address pointer, and custom defined and declared data types), a DeviceID as taught by Smethers cannot. In Smethers, a DeviceID is an instance of data of one of the enumerated types. Smethers does not teach that a DeviceID for a particular record could be "telephone number" but teaches that the DeviceID could be "(571) 555-1212". Applicant respectfully submits that "(571) 555-1212" cannot reasonably be considered a "data type" or "data object type" absent some specific teaching or declaration of a custom type named "(571) 555-1212". The same is true for specific instances of IP addresses (e.g., "123.45.67.89" is not a data type) and for specific IP addresses combined with port numbers (e.g., "123.45.67.89:80" is not a data type).

While the distinction might seem insignificant to a lay person, those of skill in the art of software engineering recognize considerable significance in the distinction between a "data object type" and a "data object *of* a type". Applicants' Claim 1 recites the former while Smethers teaches only the latter.

Claim 1 as amended makes the distinction more explicit, reciting that "the selected data object type specifies the type of the data object." The association of a URL with a DeviceID by Smethers does not define the type of the URL, but rather only specifies the user and/or device

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with which the URL is associated.

Thus, Claim 1 is allowable over Smethers. Claims 2, 5-7, 12-13, 16-18, 23-24, and 27-29, directly or indirectly, recite language similar to that described above with respect to Claim 1 and are therefore similarly allowable.

The Examiner rejected Claims 3-4, 8-11, 14-15, 19-22, 25-26, and 30-33 under Section 103(a) "as being unpatentable over Smethers (U.S. Patent 6,560,640 B2) ... in view of Gershman, et al. ... (U.S. Patent 6,401,085 B1)." Applicants respectfully traverse this rejection and request reconsideration and withdrawal of this rejection.

Applicants respectfully request that the reasons given in the previous Response for the lack of motivation to combine Smethers and Gershman et al. be reconsidered in light of the foregoing discussion regarding Claim 1. The absence of any notion of data types in Smethers leaves combination of Smethers with Gershman et al. unmotivated. In particular, Claim 3 – in the context of the Examiner's rejection – recites "storing the data object [URL in Smethers] [by] storing the ... portions organized according to the data attributes for the selected data type [of the types of Gershman et al.]." There is no teaching, suggestion, or motivation in the prior art to parse a URL according to any data type other than the URL data type. The discussion of the previous Response with respect to the lack of motivation to combine Smethers with Gershman et al. is incorporated herein by reference.

Accordingly, Claims 3-4, 8-11, 14-15, 19-22, 25-26, and 30-33 are allowable over Smethers and Gershman et al.

Thus, Claims 1-33 are allowable over the cited art.

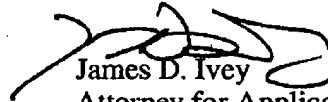
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Conclusion

Claims 1-33 are now in a condition for allowance and such action is respectfully requested. If the Examiner's next action is other than for allowance of Claims 1-33 or if the Examiner has any questions or comments with respect to the above identified case, the Examiner is respectfully invited to telephone the undersigned at (510) 336-1100.

Respectfully submitted,



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